

Work Order ID 140739

140739

Page 1

Monday, January 18, 2016 7:22:40 AM

Item ID: D350-588-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Aft Door Assembly
 Start Date: 1/18/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 1/18/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: MLJ Date: JAN 18 2016 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr		DAS						
D2445/D350-588	Rev D/D		6						
DSI9690	A		9-89						

100 Document Control 0.00
100 DOCUMENT CONTROL
 DC Memo 0.00
 Doc.Control -USB or Paperwork Photocopy bluefile and create labels per PPP D350-588-041 CHG003
 DAS 28 9-89 MAR 14 2016
 MAR 11 2016

110 PURCHASING 0.00
110 PURCHASING
 Purchasing Memo 0.00
 Purchasing Issue P/O: 31001
 Description: D2445 Baggage Door
 Supplier: Delastek
 Ship to: Delastek (1) D0588-041 label
 Certification of Conformity and process sheet from Delastek is required.
 16-02-24
 DAS 13 9-89 JAN 18 2016
 MAR 09 2016
 DAS 13 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By - Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Work Order ID 140739***140739***

Page 2

Item ID: D350-588-041

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Aft Door Assembly

Start Date: 1/18/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/18/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Receive & Inspect for Damage & Mat'l Certs	0.00							
120									
Packaging	Memo	0.00							
Packaging	Ensure Certificate of Conformity & Process Sheet are attached								
130	QC6- Inspect dimensions to drawing	0.00							
130									
QC	Memo	0.00							
Quality Control	Inspect as per Dwg D2445. Audit process sheet.								
140	Small Fab	0.00							
140									
Small Fab	Memo	0.02							
Small Fab	Assemble all of the above parts as per Dwg D350-588								

1X 8016-02-17

1X 8016-03-8

~~16-02-24~~ DAS 9 9-89
16-03-10 DAS 9 9-89

x1
16/03/10
DAS 07 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : ☐							

Work Order ID 140739***140739***

Page 3

Item ID: D350-588-041

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Aft Door Assembly

Stop ***NS2***

Start Date: 1/18/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/18/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC5- Inspect part completeness to step on W/O	0.00							
150									
QC	Memo	0.00							
Quality Control									
155	Pick Kit	0.00							
155									
Packaging	Memo	0.00							
Packaging									
160	QC4- 100% Inspect kits for completeness	0.00							
160									
QC	Memo	0.00							
Quality Control									

① 160310

DAS
9
9-89

MAR 14 2016

DAS
28
9-89

MAR 14 2016

MAR 14 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coor. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
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Root Cause		FAULT CATEGORY									
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Cut Too Short ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Countersink ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____									
Misidentified ☐	Past Due ☐										

Work Order ID 140739***140739***

Page 4

Item ID: D350-588-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Aft Door Assembly

Start Date: 1/18/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/18/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

170

Identify as per dwg & Stock Location:

Fg

0.00

170

Packaging

Memo

0.00

Packaging

Location :FG021

DAS

DAS

27

28

9-89

9-89

MAR 14 2016

180

QC21- Final Inspection - Work Order Release

0.00

180

QC

Memo

0.00

Quality Control

16/1/14

MCS MAR 14 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Monday, January 18, 2016 7:22:44 AM

140739

D350-588-041

Required Date: 1/18/2016

Required Qty: 1.00

Comments: IPP P 04.02.04ReformatKJ/DS IPP Rev:Q as
per DSI9414 DD verified by:EC IPP Rev:R add pick kit DD
10.03.29 verified by:EC IPP REV:S 14.04.28 AS PER
DSI9690 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2445P		Purchased	No			110	Each	0.0000	1	1			
D2445P Aft Door Assembly													
AN526C832R9		Purchased	No			140	Each	280.0000	8	8			
AN526C832R9 Screw													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST327		280							
				M132823		130				8			
				M133932		150							
D2143		Manufactured	No			140	Each	21.0000	1	1			
D2143 Hinge Bracket													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST003		21							
				121806		21				1			
D2144		Manufactured	No			140	Each	11.0000	1	1			
D2144 Hinge Doubler													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST002		11							
				114332		11				1			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

Monday, January 18, 2016 7:22:44 AM

Page 2

Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

D2463 Manufactured No 140 f 632.5891 7.25 7.25

D2463

1/2" Seal (\$Per Foot)

DAS
07
9-89

Location	Loc Qty	Loc Code
ST409	500	
140013	500	
ST638	132.5890683	
125469	132.589068	

FEB 25 2016

(D2463-0870) cut (1) at 87.00"
**** per kit****

D2585 Manufactured No 140 Each 0.0000 2 2

D2585

Latch Clamp

D2586 Manufactured No 140 Each 75.0000 2 2

D2586

Door Latch

DAS
07
9-89

FEB 25 2016

DAS
07
9-89
Per.....

Location	Loc Qty	Loc Code
FG	4	
119746	2	
138048	2	
OVER002	25	
140535	25	
ST483	46	
139228	46	

FEB 25 2016

DQA: _____ Date: _____



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Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	☐ OTHER :			

Picklist Print

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Work Order ID: 140739

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Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

D2621

Manufactured No

140

Each

26.0000

2

2

D2621

Latch Plate

DAS
07
9-89

FEB 25 2016

Per.....

Location

Loc Qty

Loc Code

FG

2

88616

2

ST012a

24

127749

24

2

D2857-1

Manufactured No

140

Each

18.0000

1

1

D2857-1

Hinge Bracket

DAS
07
9-89

FEB 25 2016

Per.....

Location

Loc Qty

Loc Code

FG

5

121829

2

82261

2

91914

1

ST012

13

121829

1

133964

12

1

D2857-2

Manufactured No

140

Each

16.0000

1

1

D2857-2

Hinge Bracket

DAS
07
9-89

FEB 25 2016

Per.....

Location

Loc Qty

Loc Code

FG

5

130848

2

78904

3

ST012

11

133903

11

1

DQA: _____ Date: _____



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Root Cause				FAULT CATEGORY			
☐ Environment	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
☐ Design	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
☐ Doc/Data	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
☐ Equip/Tooling	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
☐ Handling/Pre	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
☐ Material	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
☐ Internal Transport	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
☐ Tribal Knowledge	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
☐ LOA	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
☐ Substation	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
☐ Past Expiry Date	☐ Manufacturing Process	☐ OTHER :					
☐ Misidentified	☐ Past Due						

Picklist Print

Page 4

Monday, January 18, 2016 7:22:44 AM

Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L08

Purchased

No

140

Each

1,287.000

8

8

MS21042L08

Nut

FEB 25 2016
DAS
07
9-89

Location

Loc Qty

Loc Code

CA	101	
m129682	101	
GA	3	
m133134	3	
ST303	1140	
m133483	140	
m133922	1000	8
ST304	43	
m128401	32	
m131317	11	

MS21042L3

Purchased

No

140

Each

1,042.000

2

2

MS21042L3

Nut

FEB 25 2016
DAS
07
9-89

Location

Loc Qty

Loc Code

FP001	134039	163
m133790		163
GA		195
m133790		195
ST304		684
m133790		684

2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		☐ OTHER : _____			

Picklist Print

Monday, January 18, 2016 7:22:44 AM

Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-15

Purchased

No

140

Each

506.0000

2

2

MS27039-1-15

Screw

FEB 25 2016
DAS 07 9-89

Per.....

Location

Loc Qty

Loc Code

GA

21

m127916

21

ST280

485

m132640

485

NAS1149D0363J

Purchased

No

140

Each

1,046.0000

2

2

NAS1149D0363.J

Washer

FEB 25 2016
DAS 07 9-89

Location

Loc Qty

Loc Code

GA

108

m130799

108

ST263

938

m133790

438

m133932

500

NAS1149DN832J

Purchased

No

140

Each

957.0000

8

8

NAS1149DN832.J

Washer

FEB 25 2016
DAS 07 9-89

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST270

873

M131697

873

AN526C1032R7

Purchased

No

155

Each

188.0000

2

2

AN526C1032R7

Screw

MAR 11 2016

DAS 6 9-89

Location

Loc Qty

Loc Code

ST327

188

M128403

188

DAS 28 9-89

Monday, January 18, 2016 7:22:44 AM

Shop Packet Print

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Monday, January 18, 2016 7:22:44 AM

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Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

AN526C832R8

Purchased

No

155

Each

205.0000

8

8

AN526C832R8

Screw

DAS
6
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST327

205

m129706

94

m129764

11

m133932

100

D2150

Manufactured

No

155

Each

24.0000

2

2

D2150

Packer Doubler, Hinge

DAS
6
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST003

24

121844

24

D2151

Manufactured

No

155

Each

15.0000

2

2

D2151

Packer Doubler

DAS
6
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST003

15

121825

15

D2153

Manufactured

No

155

Each

18.0000

1

1

D2153

Door Prop

140759

DAS
6
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST362

18

131670

18

MAR 11 2016

DAS
6
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Page 7

Monday, January 18, 2016 7:22:44 AM

Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

D2154 Manufactured No 155 Each 31.0000 1 1

D2154

Bracket, Stud

DAS
28
9-89

Location

Loc Qty

Loc Code

ST003

31

118894

31

**

DAS
6
9-89

D2237 Manufactured No 155 Each 10.0000 2 2

D2237

Striker Plate

DAS
28
9-89

Location

Loc Qty

Loc Code

ST004

10

136090

10

**

140960

DAS
6
9-89

D2461 Manufactured No 155 f 295.0074 7.25 7.25

D2461

Neoprene 'D' Seal (\$Per Foot)

DAS
28
9-89

Location

Loc Qty

Loc Code

ST407

295.00737

128447

295.00737

**

DAS
6
9-89

(D2461-0870) cut (1) at 87.00"

**** per kit****

DAS
38
9-89

D2589 Manufactured No 155 Each 7.0000 1 1

D2589

Keys, Key Chain

DAS
28
9-89

Location

Loc Qty

Loc Code

ST008

7

132942

7

**

DAS
6
9-89

MAR 11 2016

Monday, January 18, 2016 7:22:44 AM

Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Monday, January 18, 2016 7:22:44 AM

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Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

D2690-17

Manufactured No

155

Each

24.0000

1

1

D2690-17

Cable

DAS
6
9-89

Location

Loc Qty

Loc Code

DAS
28
9-89

ST012a

24

112206

6

120107

3

121750

6

140042

9

D2858-1

Manufactured No

155

Each

18.0000

1

1

D2858-1

Hinge Bracket

DAS
6
9-89

Location

Loc Qty

Loc Code

DAS
28
9-89

FG

2

77019

2

ST012

16

121400

4

133091

12

D2858-2

Manufactured No

155

Each

8.0000

1

1

D2858-2

Hinge Bracket

DAS
6
9-89

Location

Loc Qty

Loc Code

DAS
28
9-89

FG

2

77020

2

ST012

6

121563

6

MAR 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Monday, January 18, 2016 7:22:44 AM

Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

D5080-041

Manufactured No

155

Each

43.0000

2

2

D5080-041

Striker Plate Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

ST148

43

121798

2

126722

17

128722

24

FG-778150-550-ROL

Purchased

No

155

sf

600.1463

1

1.333333

***FG-778150-550-ROL ***

7781 9oz Glass 50x125yd

DAS
28
9-89

Location

Loc Qty

Loc Code

CA2

600.1463415

M127701

600.146342

CUT ONE SQUARE FEET PER KIT

MS20426AD3-4

Purchased

No

155

Each

2,922.000

12

12

MS20426AD3-4

RIVET

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

2811

m131697

2811

ST312

111

m127432

111

MS20470AD4-5

Purchased

No

155

Each

1,466.000

18

18

MS20470AD4-5

RIVET, UNIVERSAL HEAD

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

1012

m133860

1012

ST310

454

m133860

454

Monday, January 18, 2016 7:22:44 AM

Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
OTHER : ☐									

Picklist Print

Monday, January 18, 2016 7:22:45 AM

Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L08

Purchased

No

155

Each

1,287.000

10

10

DAS

6

9-89

DAS
27
9-89

MS21042L08

Nut

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

101

m129682

101

GA

3

m133134

3

ST303

1140

m133483

140

m133922

1000

ST304

43

m128401

32

m131317

11

10

MS21042L3

Purchased

No

155

Each

1,042.000

4

4

DAS

6

9-89

DAS
27
9-89

MS21042L3

Nut

134039

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

163

m133790

163

GA

195

m133790

195

ST304

684

m133790

684

MAR 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Monday, January 18, 2016 7:22:45 AM

Work Order ID: 140739

140739

Parent Item: D350-588-041

D350-588-041

Parent Item Name: Aft Door Assembly

Start Date: 1/18/2016

Required Date: 1/18/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-11

Purchased

No

155

Each

503.0000

2

2

MS27039-08-11

SCREW

DAS
28
9-89

Location

Loc Qty

Loc Code

over006

450

m133769

450

ST278

53

m133363

53

DAS
27
9-89
6
9-89

NAS1149D0363J

Purchased

No

155

Each

1,046.000

2

2

NAS1149D0363J

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

108

m130799

108

ST263

938

m133790

438

m133932

500

DAS
27
9-89
6
9-89

NAS1149DN832J

Purchased

No

155

Each

957.0000

16

16

NAS1149DN832J

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST270

873

M131697

873

MAR 11 2016

DAS
27
9-89
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

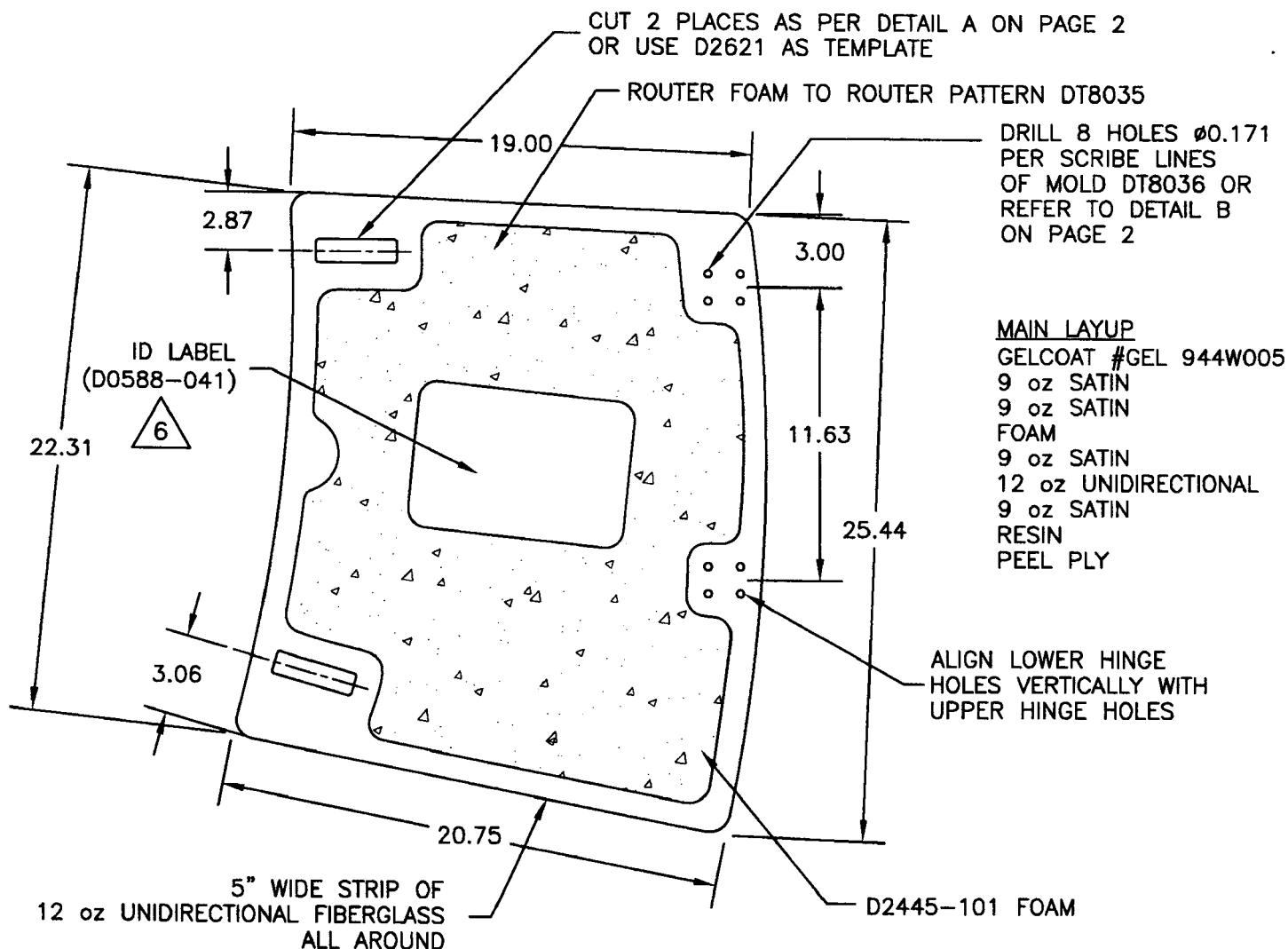
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____							
Misidentified ☐	☐ Past Due								



DESIGN JB	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2445	REV. D SHEET 1 OF 2
DATE 06.06.09	TITLE AFT BAGGAGE DOOR		SCALE 1:7
A	97.07.15	NEW ISSUE	
B	02.01.24	ADD D2621; D2445-101	
C	04.02.09	REMOVE D2621; UPDATE NOTES	
D	06.06.09	ADD DIMENSIONS TO PERIMETER	

RELEASED

06.11.13



NOTES:

- 1) USE MOLD DT8036 FOR DOOR LAYUP. TRIM AND DRILL PER DT8619
- 2) RESIN: DERAKANE 411/510A40/470-36
- 3) FOAM: 3/8" A500 CORE CELL OR DMVYNCELL OR AIREX OR KLEGECELL R-75
- 4) FIBRE: 9.7 oz 7781 WEAVE "S" GLASS ("9 oz SATIN")
12 oz UNIDIRECTIONAL FIBERGLASS ("12 oz UNIDIRECTIONAL")
- 5) BOND FOAM CORE TO LAMINATE USING POLYBOND B46F
- 6) LAMINATE LABEL USING SURFACE VEIL AND EPOXY RESIN.
- 7) LAMINATE PER DART QSI 006 4.0
- 8) LAMINATION SCHEDULE PER THIS DRAWING
- 9) FINISH INSIDE WITH DUPONT HIGHBUILD GREY PRIMER 1144-S
- 10) ALL DIMENSIONS ARE IN INCHES
- 11) TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED

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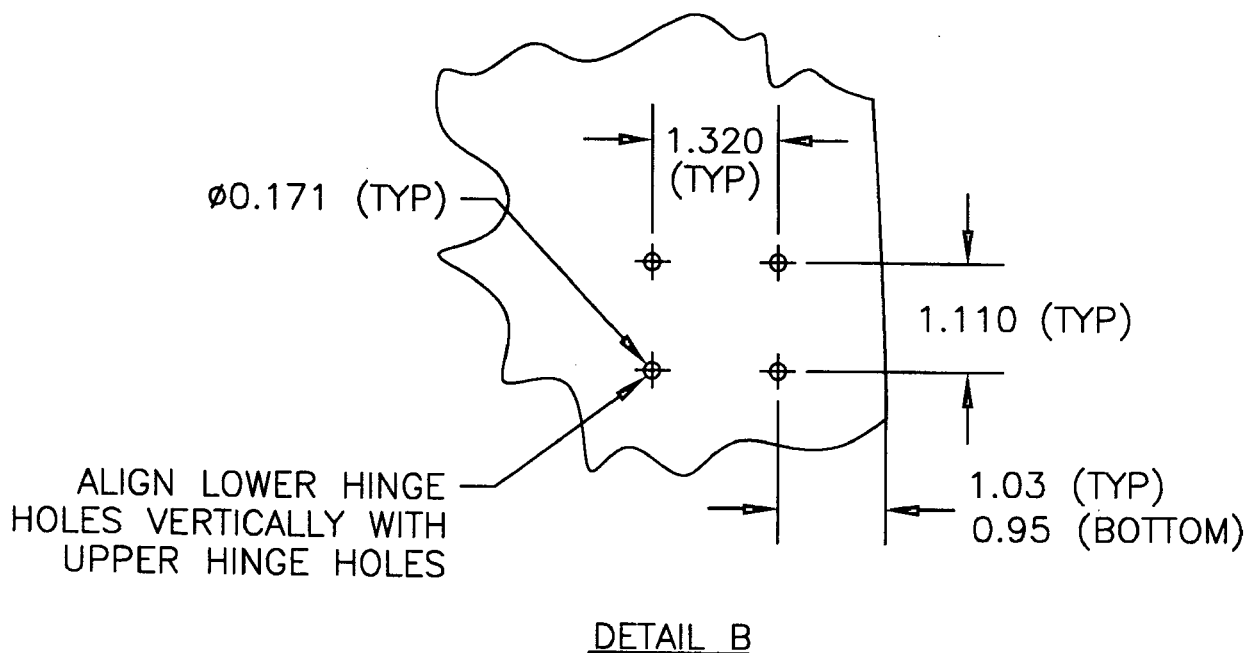
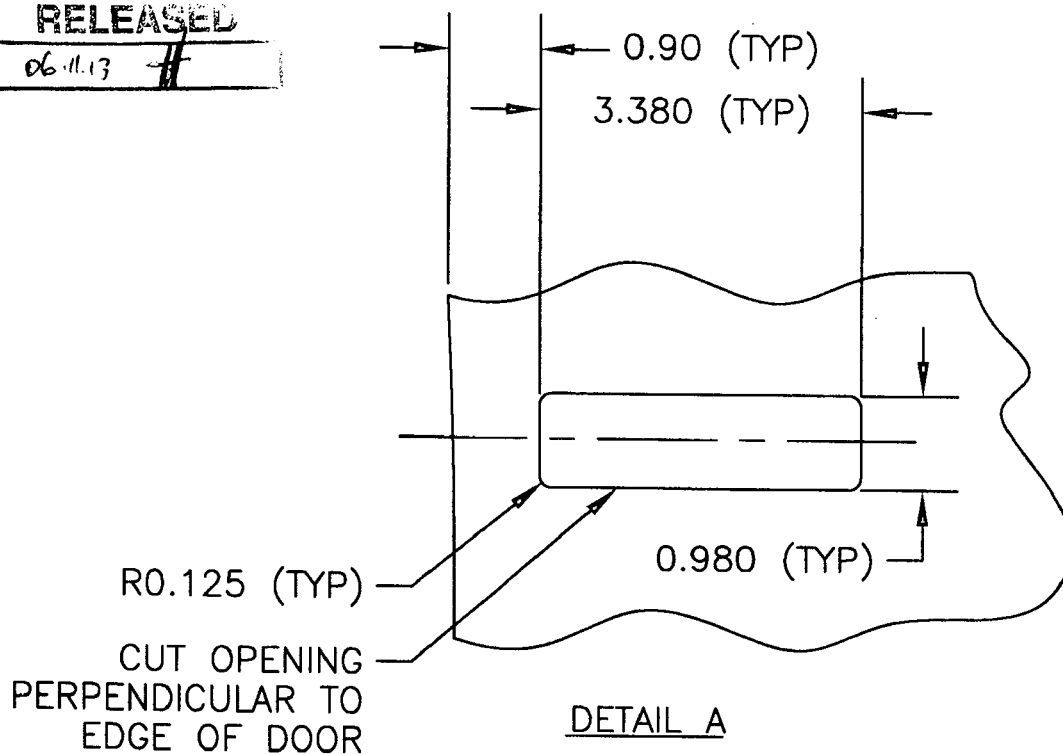
140739 M.C.S
16-01-18



DESIGN JB	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2445	REV. D SHEET 2 OF 2
DATE 06.06.09		TITLE AFT BAGGAGE DOOR	SCALE 1:2

RELEASED

06.11.13 *[Signature]*



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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-588 REV. D AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-588 REV. D
REF TCCA STC SH92-41
FAA STC SH1012NE

1.0 PURPOSE:

The purpose of this Dart Service Instruction is to provide customers with directions to install a modified striker plate that will provide more clearance around environmental/conductive seals that protrude inboard of the door frame structure on AS355 N/NP models.

2.0 PROCEDURE:

- 1) Install D350-588-011/-041 per Section 3.1/3.2 of D350-588 as applicable, except do not install D2237 striker plates per item 10 of Section 3.1.
- 2) Remove the aft environmental/conductive seal to gain access to the door structure.
- 3) Using a fine point marker, mark location of both striker plates based on door latch location.
- 4) If D2237 Striker Plates are currently installed, remove both striker plates by drilling out rivets.
- 5) Align D5080-041 striker plate assembly in the previously marked location and transfer drill the $\varnothing 0.1285"$ (#30) holes into the aft bulkhead.
- 6) Drill out both rivets on the aircraft skin adjacent to the striker plate assemblies.
- 7) Align D5080-041 striker plate assembly in the previously marked location and transfer drill the $\varnothing 0.1285"$ (#30) holes from the aircraft skin to the striker plate assembly.
- 8) Deburr holes and remove all sharp edges.
- 9) Touch up all holes in aluminum with chemical conversion coating in accordance with MIL-DTL-5541.
- 10) Apply 0.125" thick layer of PR-1775B ProSeal to the face of D5080-041 per Figure 1.
- 11) Install D5080-041 striker plate assemblies to the aft bulkhead using CR3213-4 rivets of a suitable length, and to the skin of the aircraft using PR-1775B coated CR3213-4 rivets of a suitable length.
- 12) Reinstall environmental/conductive seal using manufacturers recommended procedure.
- 13) Install gas strut or cable assembly per D350-588 Figure 5.
- 14) Adjust both latch mechanisms to ensure adequate compression of door seal and that door skin is flush.
- 15) Check door for proper operation by opening and closing the door, and ensure latches fully lock.

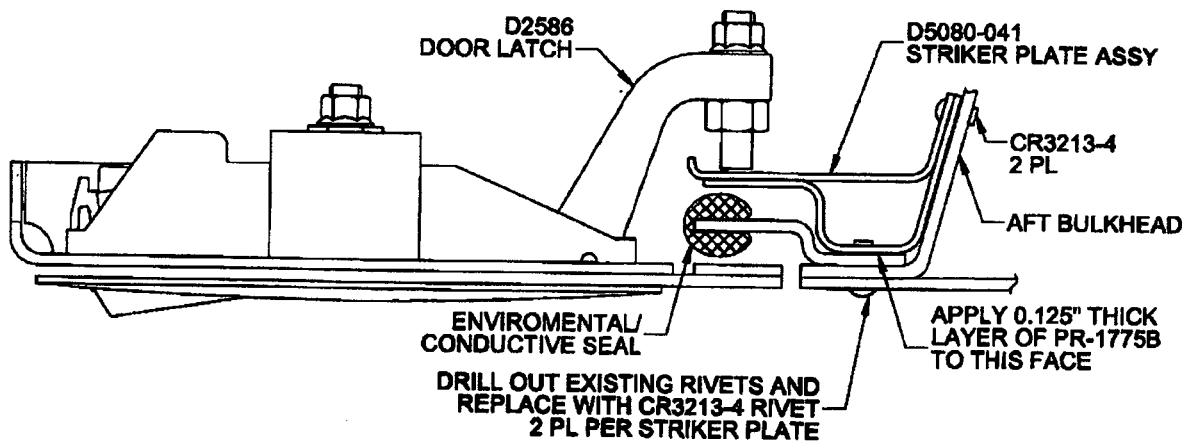


Figure 1 Striker Plate

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 14.03.24
CERT. NO.: SH92-41
ISSUE NO.: 8

A	NEW ISSUE	ML	14.03.24
REV.	DESCRIPTION	BY	DATE
DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	DSI 9690	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	STRIKER PLATE MOD	NTS
DATE	14.03.24	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

3.0 PARTS LIST:

The part lists of D350-588 Rev. D and ICA-D350-588 Rev. 0 are amended as follows.

IS:

588 -041	588 -011	PART NUMBER	DESCRIPTION
X		D350-588-041	AFT DOOR ASSEMBLY
	X	D350-588-011	AFT DOOR FWD HINGE MOD
2	2	D5080-041	STRIKER PLATE ASSY (AS355 N/NP MODELS ONLY)
2	2	D2237	STRIKER PLATE

WAS:

588 -041	588 -011	PART NUMBER	DESCRIPTION
X		D350-588-041	AFT DOOR ASSEMBLY
	X	D350-588-011	AFT DOOR FWD HINGE MOD
2	2	D2237	STRIKER PLATE

Customers who need to upgrade a D350-588-011/-041 kit that has been previously purchased from Dart can procure the DSI 9690-011 Kit from Dart.

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9690-011	STRIKER PLATE MODIFICATION KIT
2	D5080-041	STRIKER PLATE ASSEMBLY

4.0 WEIGHT AND BALANCE:

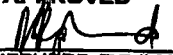
This DSI has a negligible effect on Weight and Balance of the aircraft.

5.0 MAINTENANCE:

Maintain the D5080-041 Striker Plates in accordance with the procedures for the D2237 Striker Plates as outlined in ICA-D350-588.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.03.24
CERT. NO.: SH92-41
ISSUE NO.: 8

DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	ML	
CHECKED		DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9690 SHEET 2 OF 2
APPROVED		TITLE SCALE
DE APPR.		STRIKER PLATE MOD NTS
DATE	14.03.24	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART
AEROSPACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31001

Purchase Order Date 1/14/2016

PO Print Date 1/18/2016

Page Number 2 of 3

Order From :

VC-FDC01

FDC COMPOSITES INC.
45 CHEMIN DE L'AEROPORT
LOCAL 26
ST-JEAN-SUR-RICHELIEU, QUEBEC J3B 7B5

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 450-357-1344 ext303

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB

Destination-Collect

Line Total: \$605.00

4	D2445P ✓	Aft Door Assembly	2/8/2016	1.00 ✓	\$605.00	\$605.00
			Yes	Each		
			2/8/2016			

AS PER DWG D2445 REV. D
B140739

SP/16-0217

Line Total: \$605.00

5	D2445P	Aft Door Assembly	2/8/2016	1.00	\$605.00	\$605.00
			Yes	Each		
			2/8/2016			

AS PER DWG D2445 REV. D
B140740

Line Total: \$605.00

6	D2445P	Aft Door Assembly	2/8/2016	1.00	\$605.00	\$605.00
			Yes	Each		
			2/8/2016			

AS PER DWG D2445 REV. D
B140741

Note:

1/18/2016

FDC Composites inc.
45, Chemin de L'Aéroport
Local 26
Saint-Jean-sur-Richelieu (QC)
J3B 7B5
Tél.: 450 357-1344

Bon de livraison

11/02/2016

Commande : 2356
Référence : PO #31001/1-6

Client : Dart

DART AEROSPACE
1270 Aberdeen Street
Hawksbury, ON
K6A 1K7

Expédier à

DART AEROSPACE LTD
1270 Aberdeen Street
Hawksbury, ON
K6A 1K7
Tél.: 1 613 632-9577

No item	Description	Qté	Qté livrée	Qté B/O
D2445P	Aft Door Assembly B140735 PO item: 31001/1 Lot: 2016-01-18	1	_____	_____
D2445P	Aft Door Assembly B140737 PO item: 31001/2 Lot: 2016-01-20	1	_____	_____
D2445P	Aft Door Assembly B140738 PO item: 31001/3 Lot: 2016-01-26	1	_____	_____
D2445P ✓	Aft Door Assembly B140739 PO item: 31001/4 Lot: 2016-02-03	①	_____	_____
D2445P	Aft Door Assembly B140740 PO item: 31001/5 Lot: 2016-02-04	1	_____	_____
D2445P	Aft Door Assembly B140741 PO item: 31001/6 Lot: 2016-02-05	1	_____	_____
CANADIAN CURRENCY				

Sp/6-0217

Transport : _____

Nb colis : _____

Marchandise reçue : _____

Réf. : _____



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CERTIFICATE of CONFORMITY

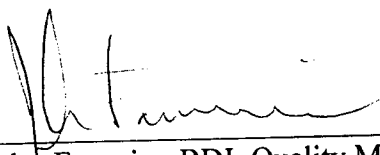
Customer Name: Dart Aerospace.

Customer P/O Number: 31001

<u>PO Item</u>	<u>Qty</u>	<u>Part number</u>	<u>Drawing number</u>	<u>Description</u>	<u>FDC Serial</u>	<u>Lot</u>
1	1	D2445P	D2445 Rev D	Aft Door Assembly B140735	DAE007-005	2016-01-18
2	1	D2445P	D2445 Rev D	Aft Door Assembly B140737	DAE007-006	2016-01-20
3	1	D2445P	D2445 Rev D	Aft Door Assembly B140738	DAE007-007	2016-01-26
DAS 9 9-89 4	1	D2445P	D2445 Rev D	Aft Door Assembly B140739	DAE007-008	2016-02-03
5	1	D2445P	D2445 Rev D	Aft Door Assembly B140740	DAE007-009	2016-02-04
6	1	D2445P	D2445 Rev D	Aft Door Assembly B140741	DAE007-010	2016-02-05

I hereby certify that the workmanship, material and the processes used in the manufacture of the above part(s) supplied are in accordance with the requirements of the applicable Purchase Order.

Signature:


Jules Fournier, BDI, Quality Manager

Date:

2016-02-11



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

OUTSTANDING PO REPRINT

Purchase Order ID PO31001

Purchase Order Date 1/14/2016

PO Print Date 3/9/2016

Page Number 2 of 3

Order From : VC-FDC01
FDC COMPOSITES INC.
45 CHEMIN DE L'AEROPORT
LOCAL 26
ST-JEAN-SUR-RICHELIEU, QUEBEC J3B 7B5

Ship To : DART AEROSPACE LTD
1270
ABERD
EEN
HAWKE
SBURY,
ON
K6A
1K7
CANAD
A

Contact Name
Vendor Phone 450-357-1344 ext303
Vendor Fax 450-357-1194
Ship To Contact
Ship To Phone

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

Ship Method
Ship Acct

Line Nbr	Item ID Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Extended Price
10	140738 RE-WORK	D2445 AFT DOOR ASSEMBLY	3/9/2016 Yes 3/9/2016	1.00	\$0.00
11	140739 RE-WORK	D2445 AFT DOOR ASSEMBLY	3/9/2016 Yes 3/9/2016	1.00	\$0.00
Line Total:					\$0.00
Line Total:					\$0.00

SP 16-03-8

3/9/2016

FDC Composites inc.
45, Chemin de L'Aéroport
Local 26
Saint-Jean-sur-Richelieu (QC)
J3B 7B5
Tél. : 450 357-1344

Bon de livraison

04/03/2016

Commande : 2371
Référence : PO #31001/1-6

Client : Dart

DART AEROSPACE
1270 Aberdeen Street
Hawksbury, ON
K6A 1K7

Expédier à

Même

Tél. : 1 613 632-9577

No item	Description	Qté	Qté livrée	Qté B/O
D2445P	Aft Door Assembly B140658 PO item: 31001/1 Lot: 2016-01-18			
D2445P	Aft Door Assembly B140702 PO item: 31001/2 Lot: 2016-01-20			
D2445P	Aft Door Assembly B140703 PO item: 31001/3 Lot: 2016-01-26			
D2445P ✓	Aft Door Assembly B140704 10140739. PO item: 31001/4 Lot: 2016-02-03 ✓			
D2445P	Aft Door Assembly B140705 PO item: 31001/5 Lot: 2016-02-04			
D2445P	Aft Door Assembly B140706 PO item: 31001/6 Lot: 2016-02-05			
	CANADIAN CURRENCY			
	NO CHARGE : REPAIRS			

Sp/6-03-8

Transport : _____

Nb colis : _____

Marchandise reçue : _____

Réf. : _____



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CERTIFICATE of CONFORMITY

Customer Name: Dart Aerospace.

Customer P/O Number: 31001

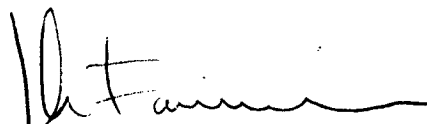
Certificate Revision : A

<u>PO Item</u>	<u>Qty</u>	<u>Part number</u>	<u>Drawing number</u>	<u>Description</u>	<u>FDC Serial</u>	<u>Lot</u>
1	1	D2445P	D2445 Rev D	Aft Door Assembly B140735	DAE007-005	2016-01-18
2	1	D2445P	D2445 Rev D	Aft Door Assembly B140737	DAE007-006	2016-01-20
3	1	D2445P	D2445 Rev D	Aft Door Assembly B140738	DAE007-007	2016-01-26
4	1 ✓	D2445P ✓	D2445 Rev D ✓	Aft Door Assembly B140739	DAE007-008	2016-02-03
5	1	D2445P	D2445 Rev D	Aft Door Assembly B140740	DAE007-009	2016-02-04
6	1	D2445P	D2445 Rev D	Aft Door Assembly B140741	DAE007-010	2016-02-05

Part received from Dart for modification by FDC to suite required tolerance for hardware installation. Composite repair process performed as per Dart's QSI 037 Issue 2 Composite Repair Manual.

I hereby certify that the workmanship, material and the processes used in the manufacture of the above part(s) supplied are in accordance with the requirements of the applicable Purchase Order.

Signature:


Jules Fournier, BDI, Quality Manager

Date:

2016-03-04

Work Order ID 140739

140739

Page 1

Monday, January 18, 2016 7:22:40 AM

Item ID: D350-588-041

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Aft Door Assembly

Start Date: 1/18/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/18/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: JAN 18 2016

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D2445/D350-588

Rev D/D

DSI9690

A

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D350-588-041 CHG003

MLJ

MAR 11 2016

110

PURCHASING

0.00

110

Purchasing

Memo

0.00

Purchasing

Issue P/O:

Description: D2445 Baggage Door

Supplier: Delastek

Ship to Delastek (1) D0588-041 label

Certification of Conformity and process sheet from Delastek is required.

DAS

13

JAN 18 2016

9-89

MAR 09 2016

DAS

13

9-89

16-02-24

McAwarh

52.3 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-588-011	1.0 lb	-21.0 in	-21.0 in-lb	+170.0 in	+170.0 in-lb
Aft Door Fwd Hinge Modification Kit	0.45 Kg	-0.53 m	-0.24 m-Kg	+4.32 m	+1.96 m-Kg
D350-588-041*	2.0 lb	-21.0 in	-42.0 in-lb	+170.0 in	+340.0 in-lb
Aft Door Assembly	0.91 Kg	-0.53 m	-0.48 m-Kg	+4.32 m	+3.93 m-Kg

* D350-588-041 Aft Door Assembly weight in excess of standard Eurocopter Door.

52.4 PARTS LISTS

588 -041	588 -011	Part Number	Description
X		D350-588-041	AFT DOOR ASSEMBLY
	X	D350-588-011	AFT DOOR FWD HINGE MODIFICATION KIT
1	1	D2143	HINGE DOUBLER
1	1	D2144	HINGE DOUBLER
2	2	D2150	HINGE PACKER
2	2	D2151	HINGE DOUBLER
1	1	D2153-3315-10	GAS SPRING ASSY.
1	1	D2154	STUD BRACKET
2	2	D2237	STRIKER PLATE
1		D2445	DOOR
1	1	D2461-0870	NEOPRENE D SEAL
1	1	D2463-0870	½" FOAM SEAL
	2	D2583	LATCH BRACKET
2	2	D2585	LATCH CLAMP
2	2	D2586	LATCH
	1	D2587	PLUG
1	1	D2589	KEYS, KEY CHAIN
2		D2621	LATCH PLATE
1	1	D2690-17	CABLE, DOOR STOP
1	1	D2857-1	LOWER HINGE BRACKET
1	1	D2857-2	UPPER HINGE BRACKET
1	1	D2858-1	LOWER HINGE BRACKET
1	1	D2858-2	UPPER HINGE BRACKET
8	8	AN526C832R8	SCREW (or AN526-832R8)
8	8	AN526C832R9	SCREW (or AN526-832R9)
2	2	AN526C1032R7	SCREW (or AN526-1032R7)
24	24	AN960JD8	WASHER
4	4	AN960JD10	WASHER
12	12	MS20426AD3-4	RIVET
18	18	MS20470AD4-5	RIVET
18	18	MS21042L08	NUT (or MS21042-08)
4	4	MS21042L3	NUT (or MS21042-3)
2	2	MS27039-1-15	SCREW
2	2	MS27039-0811	SCREW
1	1	N/A	1 SQUARE ft. OF 9 oz. GLASS CLOTH (S-CLASS)

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